

1. Cut out the grid and stick it across a double page (or print on A3)

2. Draw an icon to represent the contents the box

3. Using resources such as your exercise book and textbooks, write an overview of each factor on the outside of your sheet.

| | | |
|----------------------------------|----------------------------------|--|
| Secondary Effects | Natural Hazards | Hazard Risk |
| Primary Effects | Immediate Responses | Structure of the Earth  |
| Conservative Plate Margin | Long-term responses | Plate Movement |
| Destructive Plate Margin | Constructive Plate Margin | Distribution of earthquakes and volcanoes |

4. In a few days, repeat this, using only your memory!

Revision Grids



internet geography



Hazardous Earth

| | | |
|---|---------------------------------------|-----------------------|
| Latitude and temperature | Insolation | Pressure belts |
| Surface winds  | Global atmospheric circulation | Ocean Currents |
| Climate Zones | Arid and Tropical | Polar |

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|--|---|----------------------------|
| Climate change  | Natural causes of climate change | Orbital changes |
| Volcanic activity | Solar output | Asteroid Collisions |
| Tree rings | Ice cores | Historic records |

| | | |
|----------------------------------|---|--------------------------------|
| Natural greenhouse effect | Human impact on greenhouse effect | Farming |
| Industry | Energy | Transport |
| Declining Arctic Ice | Sea level rise and warming oceans  | Global temperature rise |
| Extreme weather events | Impacts on humans | Predictions |

| | | |
|---|--|--|
| <p>Location of tropical storms</p> | <p>Formation of tropical storms</p> | <p>Structure of tropical storms</p>  |
| <p>Physical hazards</p> | <p>Impact on people</p> | <p>Impact on environments</p> |
| <p>Physical vulnerability</p> | <p>Economic vulnerability</p> | <p>Social vulnerability</p> |
| <p>Forecasting</p>  | <p>Evacuation</p> | <p>Defences</p> |

| | | |
|---|-------------------------------|--|
| Tropical storm case study in developed country | Sketch map | Key facts |
| Forecasting | | Warning and evacuation |
| Defences | Impacts on environment | Impacts on people  |

| | | |
|--|-------------------------------|--|
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| | | |
|--|-----------------------------|--------------------------------|
| Structure of the Earth  | Convection currents | Slab pull – ridge push |
| Convergent boundaries | Divergent boundaries | Conservative boundaries |
| Location of volcanoes | Composite volcanoes | Shield volcanoes |

| What is an earthquake? | Where? | Depth |
|---|--|---|
| <p>Tsunamis</p>  | | <p>Predicting earthquakes</p> |
| <p>Predicting volcanoes</p> | <p>Long-term planning</p> | <p>Short term relief</p> |

| | | |
|---|---------------------------|--------------------------------------|
| Earthquake in a developed country  | Sketch map | Prediction |
| Preparation | Long-term planning | Primary impacts |
| Secondary impacts | Short-term relief | Effects of long-term planning |

| | | |
|--|---------------------------|--------------------------------------|
| Earthquake in a developing country  | Sketch map | Prediction |
| Preparation | Long-term planning | Primary impacts |
| Secondary impacts | Short-term relief | Effects of long-term planning |

A vibrant photograph of a tropical forest. In the foreground, a large, moss-covered tree trunk is partially visible, with a prominent bromeliad plant growing from it. The forest floor is covered in various green plants and ferns. Sunlight filters through the dense canopy of tall trees in the background, creating a dappled light effect.

People and the biosphere

 **internet geography**

| Ecosystem | Climate | Local factors – rock type |
|----------------------|--------------------------|--|
| Temperate forests | Local factors - altitude | Local factors – soil type |
| Tundra | Tropical rainforest | Coniferous/Boreal forest |
| Temperate grasslands | Tropical grassland | Deserts  |

| Biotic components | Abiotic components | Interaction |
|---------------------------|---|---------------------------|
| Biosphere | Food | Medicine |
| Building materials | Fuel | Human exploitation |
| Energy | Water  | Minerals |

| | | |
|-------------------------------------|---------------------------|--|
| Biosphere and the atmosphere | Biosphere and soil | Biosphere and the water cycle |
| Population growth | Increasing wealth | Urbanisation  |
| Industrialisation | Malthus's Theory | Boserup's Theory |



Forests Under Threat

| | | |
|----------------------------------|----------------------------|---|
| Plant adaptations in TRF | Location of TRF | Climate |
| Animal adaptations in TRF | Complex food webs | Weather  |
| Nutrient cycle | Biodiversity in TRF | Soils |
| Interdependence | People | Plants and animals |

| | | |
|--------------------------|-------------------|---|
| Deforestation in the TRF | Climate change | Rates of deforestation  |
| REDD | CITES | Sustainable management |
| Economic challenges | Social challenges | Environmental challenges |
| Alternative livelihoods | Ecotourism | Sustainable farming |

| | | |
|---------------------------------------|----------------------------------|---|
| Plant adaptations in the taiga | Location of taiga | Climate |
| Animal adaptations in taiga | Food web | Weather  |
| Nutrient cycle | Biodiversity in the taiga | Soils |
| Interdependence | People | Plants and animals |

| | | |
|-----------------------------|---|---------------------------|
| Threats to the taiga | Acid rain  | Plants and disease |
| Forest fires | Wilderness areas | National Parks |
| Sustainable forestry | Protection | Exploitation |